

More PRACTICAL IDEAS

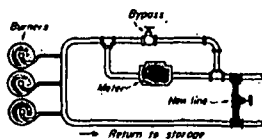


All Taped Up

I CAME ACROSS an electrician all docked out in friction tape, sketch. Tape around shirt sleeves and coverall legs kept them away from wiring.

Tape wound around plier handles kept him from getting a blood blister when he "miscued" with this implement. Tape around screwdriver handle not only helped insulate, but also protected hand grip and gave firmer hold.

D B CLAPP Newark, N. J.

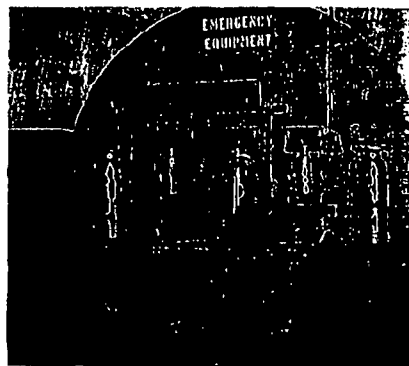


Fuel-Oil Bypass Solves Problem

BURNING OIL in one of our 550,000-lb-per-hour high-pressure boilers gave us a problem. Things ran smoothly while carrying full load. Trouble came when we dropped load to what we called the critical load during the night. It's critical because one fuel pump isn't enough and two pumps were more than enough.

We can overcome this by opening recirculating valve, but then fuel oil won't register on meter correctly.

I checked the fuel-oil lines, noticed a free drain-connection on fuel-oil header before the meter. Also a free-drain connection on return line. I tied them together with 3/4-in. piping and a



Emergency-Equipment Display Ready for Trouble

WE HAVE emergency-equipment centers at various places in our plants. This photo shows the one in main hallway of building No. 2.

Each center is along a well-traveled place so employees pass the center often and know exactly where to go in case of trouble. With fire extinguishers for

various-type fires (all labeled beside stretcher, fire ax, etc., we are ready for action at all times.

Employees are so conscious of this equipment that they instinctively go to the right place every time that an emergency arises.

C Hogg Philadelphia, Pa.

valve as shown. This works well during critical load.

It now serves two purposes. Excess pressure is relieved during low loads, and return line going back to storage tank is kept warm in winter when it would freeze. Then hours would be spent getting it warm enough to thaw and to flow freely again.

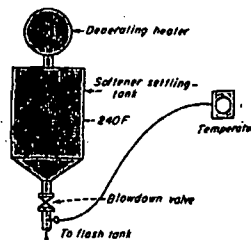
F A TURANO Jersey City, N. J.

Removing Tight Nut

NUTS FITTED in a recess are usually removed by a box spanner. If nut is very tight, you might have to apply heat to expand nut. First, place spanner over the nut. Then place a layer of boiler lagging over top of nut. Play a blowpipe flame down the center of the spanner.

Boiler lagging protects top of nut from direct heating and deflects heat to walls of spanner. This heats sides of nut, causing it to expand and loosen.

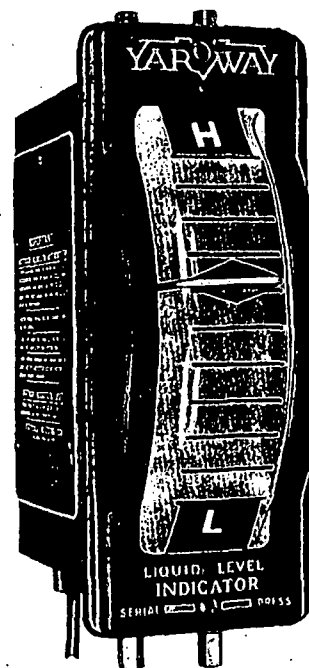
W E WARNER Woodford Green, Eng.



How to Record Blowdown Frequency

MY SKETCH shows method for recording the frequency of blowdown used for hot-process lime-soda ash softener. Adapt this temperature recorder to any type of blowdown and keep track of the operating engineer's performance.

M E EVANS Chicago, Ill.



new WIDER VISION

for easier remote boiler water level readings

■ Vastly improved visibility of remote boiler water level readings can now be enjoyed by boiler plant operators.

A new "wide vision" face on Yarway Remote Liquid Level Indicators allows reading from the side as well as front of the indicator. Boiler water levels and other liquid levels can be checked from most any position.

Indicating mechanism is operated by the boiler water level itself—assuring instant, accurate readings.

Yarway Indicators are of the manometric type with automatic temperature compensation, as approved for use under the recent A.S.M.E. Boiler Code Committee ruling in Case #1155.

Over 10,000 are used throughout industry for boiler water and other liquid level indication... and for superheater pressure differential indication aboard ship.

For full information write for Bulletin WG-1823.

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Besides Remote Liquid Level Indicators, Yarway also offers Liquid Level Recorders and Remote Signal Alarms making a complete system for constant, accurate liquid level check.

Yarway Hi-Lo-Graph Recorder provides not only water level indication, but also a 24-hour recording of water levels. See Yarway Bulletin WG-1830.

Yarway Remote Hi-Lo-Alarm Signals—lights or horns—can be placed at any location in plant. See Yarway Bulletin WG-1823.

YARWAY

remote liquid level indicators